

On the Specific Antigen Of Human Leukemia by
L.A. Zilber and V.A. Farnes.

RUSSIAN, per, Akademiya Nauk SSSR Doklady, Vol LXXII,
1949, pp 257-260.

C51R0

Oct. 62

Certain Aspects of the Study of Specific Immunity
to Enzymes, by L. A. Zil'ber, 15 pp.

RUSSIAN, per, ~~Vopros Sovrem Biol~~, Vol XLIX, No 1,
1960, pp 71-85.

Oliver & Boyd Ltd
Tweeddale Court
14 High Street
Edinburgh, 1

Sci

Jul 60

120, 369

Immunization Against Cancer of the Mammary
Gland in Mice, by L. A. Zil'ber, Z. K.
Bayadakova, 7 pp.

RUSSIAN, per, Voprosy Onkologii, Vol I,
No 5, 1955, pp 14-20. 9098162

NIH 2-45-62

191,483

Sci - Med

Apr 62

Study of Tumour Antigens, by L. A. Zil'ber,

7 pp

RUSSIAN, per, Voprosy Onkologii, Vol V, No 3,
1959, pp 265-270

Pergamon Press

Sci

107 323

Feb 60

History of the Study of the Far-Eastern Form of
Tick-Borne Encephalitis, by L. A. Zil'ber, 8 pp.

RUSSIAN, per, Voprosy Virusologiy, Vol XI, No 6,
1957, pp 323-330.

Pergamon Inst

Sci - Med
Nov 58

77,176

Fibromatosis of Rabbits Induced by Rous Virus, by
L. A. Zil'ber, I. N. Kryukova, 5 pp.

RUSSIAN, per, Voprosy Virusologiy, Vol. XII, No. 3,
1958, pp 166-169.

Pergamon Inst

Sci - Med

Feb 59

81,710

Forty Years of Soviet Virology, By L. A. Zil'ber,
9 pp.

RUSSIAN, per, Voprosy Virusologiy, Vol II, No 5,
1957, pp 258-265.

Pergamon Inst

Sci - Med
Nov 58

77,179

Investigations on Immunology and Etiology of
Tumors, by L. A. Zil'ber,

RUSSIAN, per, Voprosy Onkologiy, No 1,
Leningrad, 1955, pp 3-10.

NIH 131

Sci - Med

Nov 58

72,000

INTERACTION OF TUOMUR VIRUSES AND CELLS
(VIRUS--GENETIC CONCEPT OF TUMOROGENESIS),
38 PP... BY, L. A. ZIL'BER

RUSSIAN, PER, VOPROSY VIRUSOLOG, VOL VI, NO 1,
1961.

PP

SCI
FEB 62

183,058

S-5251

(NY-2712).

The Nature of Changes in the Antigenic Structure
of Proteins Under the Effects of Ionizing
Radiations, by L. A. Zilber, V. A. Artamonova,
9 pp.

RUSSIAN, per, Med Radiolog, Vol IV, No 5, 1959,
pp 3-6.

JPRS-L-921-N

95,560

Sci - Med, Radiology
Sep 59

(FDD 25834)

Experimental Investigation of Immunity to Tumors,
Report No 1, by L. A. Zil'ber, R. M. Babzikhovskaya,
14 pp.

RUSSIAN, no per, Zhur Mikrobiol Epidemiol i
Immunobiol, No 9, Moscow, Sep 1954, pp 64-70.

CIA/FDD U-7925

USSR

Sci - Medicine, oncology

33,641

Concerning the Problem of Epidemiology of Cancerous Diseases, by L. A. Zil'ber, 6 pp.

RUSSIAN, no per, Zhur Mikrobiol Epidemiol i Immuno-
biol, No 9, Moscow, Sep 1954, pp 61-63.

CIA/PDD U-8208

USSR
Sci - Medicine
April 1956 CTS/dex

34/182

SLA R-283/57

Viruses -- The Causative Agents of Cancerous
Diseases, by L. A. Zil'ber, 7 pp.

RUSSIAN, per, Znaniye--Sila, Vol XXXIV, No 11, 1960,
pp 40-42.

JPRS 4746

Sci - Med

Jul 61

160,085-

(NYC6581)

Problems of Current Importance in Virology, by
L. A. Zil'ber, A. S. Krivitskiy, 302 pp.

RUSSIAN, bk, Aktual'nyye Voprosy Virusologii,
1960, pp 1-316.

JPRS 10254

Sci - Med

171, 04 2

Oct 61

VIROLOGY AND IMMUNOLOGY OF CANCER, BY
ZAK L. A. ZIL'BER, O. I. ADELEY, 47 PP.

RUSSIAN, BK, VIRUSOLOGIYA I IMMUNOLOGIYA RAKA,
MOSCOW, 1962, PP 361-365; 366-393; 456-473.

JPRS 17671

SCI - MED

MAR 63

224,341

(FDD 18762)

Selected Information From 'Virus Theory of Origin
of Malignant Tumors,' by L. A. Zil'ber, 26 pp.

RUSSIAN, monograph, Virusnaya Teoriya Proisхож-
дения Злокачественных Опухолей, Moscow, 1946,
pp 3, 4, 32-37, 52-61.

CIA/FDD/U-5318

USSR

Scientific - Medicine

Jan 54

9991

Problems of Pathogenesis and Immunology in
Malignant Tumors, Collected works of L. A.
Zil'ber, edited by G. S. Vygodchikov.

^{ex-10}
RUSSIAN, bk, Problemy of Pathogenesis and i
Immunologii Zlakachestvennykh Opukholei, Medgiz,
Moscow, 1956, 268 pp.

Pergamon Institute

Sci - Med

Zeller
The Study of Viruses, by L. A. Sil'ber, 432 pp.
RUSSIAN, bk, Ucheniye o Virusakh, Moscow, 1956,
pp 3-315.

CIA/FDD Tr 663

Sci - Medicine
Sep 57

53, 663

(FDD 18391)

Selected Pages From "The Fundamentals of Immunity,"
by L. A. Zil'ber, 52 pp.

RUSSIAN, bk, Osnovy Immuniteta, Chap XXI, Moscow,
1948, pp 467-478, 479-485, 492-495.

CIA/FDD/U-5294

USSR

Scientific - Medicine

Jan 54
9993

(NY-1873)

CANCER AS A PROBLEM OF MOLECULAR BIOLOGY, BY
K. L. A. ZIL'BER, 9 pp.

RUSSIAN, PER, VEST AK NAUK SSSR, NO 7, 1962,
PP 38-43.

JPRS 15178

SCI - MEDICINE

SEP 62

210,111

Virusology in the USSR, by L. A. Zilberman,
UNCLASSIFIED

RUSSIAH, per, Zhur Mikrobiol, Epidemiol i
Immunobiol, No 11, Nov 1947, pp 24-30.

USDA

18, 661

Scientific - Medicine

The Differences in Antigenic Structure Between the
Cytoplasmic Particles of Mouse Liver and Hepatoma,
by L. A. Zil'ber, G. I. Abalov, Z. A. Avanirova,
N. V. Magal'garit, Z. L. Radzakova, 4 pp.

RUMSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 4,
Sep 1959, pp 939-.

Amer Inst of Biol Sci

Sci - Biol

Sep 59

96, 052

(NY-5991)

Prospects of Immunological Control of Tumor
Growth, by L. A. Zil'ber, 11 pp.

RUSSIAN, per, Vest Ak Med Nauk SSSR, No 12, 1960.

JPRS 9232

Sci - Med

May 61

154, 406

Adsorption of Specific Tumor Antigens on Erythrocytes,
by L. A. Zil'ber, L. A. Lyudogovskaya; 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIXIV, No 2,
1960, pp 489-492.

AIDS

Sci

Aug 61

163,639

ON THE ROLE OF VIRUSES IN THE ORIGIN OF CANCER,
BY L. A. ZIL'BER, 16 PP.

RUSSIAN, PER, 1Z AKADEMII NAUK SSSR - SERIYA BIOL
NO 2, 1963, PP 167-179.

JPG 1971

SCI - BIOL & MED
JUN 63

832,319

Is it Possible to Reconcile the Different Hypotheses
on the Nature of Cancer on the Basis of Recent Pro-
gress in Investigating Tumors?, by L.A. Zil'ber,
5 pp.

RUSSIAN, per Voprosy Onkologii, Vol VII, No 1, 1961

Royer and Roger

Sci

172,938

Oct 61

Haemorrhagic Disease of Rats Caused by Rous Sarcoma
Virus, by L. A. Zil'ber, I. N. Kriukova, 5 pp.

RUSSIAN, per, Voprosy Virusolog, Vol II, No 4, 1957,
pp 239-242.

Pergamon Institute

Sci - Medicine
May 58

62,845

Localization of Specific Antigens in Tumor
Tissue, by L. A. Zil'ber, N. V. Marteissov,
G. I. Abelev, 8 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol C, No 2, 1955, pp 331-334. CIA D 197095.

NIR 36,484

Sci - Medicine

Jul 1956

Possible Viral Etiology of Amyotrophic Lateral
Sclerosis, by L. A. Zilber, Z. I. Baidakova, 9 pp.

RUSSIAN, per, Voprosy Virusologii, Vol V, 1962,
pp 520-528. 9206180

MM 4-8-63

Sci - Biol & Med Sci

May 63

229,785

The Virus Theory of the Origin of Cancer, by L. A.
Zil'ber, 60 pp.

RUSSIAN, bimo per, Zhur Obsh Biol., Vol VIII, No 1,
,1947, pp 3-35

OTS 77-64-23634

Sci Tr Center RT-811

10,663

Scientific - Medicine

Ammonium Cadmium Borotartrates, by E. M. Shvarcs,
A. F. Yevin'sh, ~~E. I. Zil'ber~~.

RUSSIAN, per, Zhur Neorgan Khim, Vol IV, No 1,
1959, pp 85-87.

The Cleaver-Hume Press Ltd

Sci - Chem
Jan 60

105,877

VACATIONS: RELAXATION, BY YAACOV ZILBER, 6 pp.

HEBREW, PERIODICAL, NOV. 1962, 5 JULY 1963, PP 2.
NP

JPRS 20956

ME, ISRAEL
SOC
AUG 63

238,580

REPORT ON COMMUNIST-CONTROLLED ARAB VILLAGE,
BY YAKOV ZILBER, 7 PP.

A
HEBREW, NP, KOL HAAM, 23 JAN 1963, P 3.

JPRS 17993

ME - ISRAEL
POL.
MAR 63

224,611

(DC-1830)

ON THE DELIVERY CONDITIONS OF EQUIPMENT FOR THE
PETROLEUM-PROCESSING, PETROCHEMICAL AND CHEMICAL
INDUSTRIES, BY A. L. ZIL'BERBERG, 15 PP.

RUSSIAN, PER, MONTAZHN I SPETSIALIZIROVANNYYE RABOTY V
STROITEL', NO 7, 1962, PP 1-4.

JPRS 14999

USSR
ECON
SCI - ENGR
SEP 62

209,456

On the Existence of Closed Convex Polyhedrons with Given Curvatures of Vertices
in n-Dimensional Euclidean and Lobachevskian
Spaces, by A. A. Zil'berberg, 7 pp.
RUSSIAN, Col of Art, Vestnik Leningradskogo
Universiteta. Seriya Matematiki, Mekhaniki
i Astronomii, No 1, 1963, pp 43-52.
P100025868-V
FTD-MF-64-145

104

A. A. Zil'berberg

Sci-Mathematical Sci
Feb 63

350,491

(NY-2900/25)

Broad Perspectives (Motor Vehicle Industry), by
V. I. Zil'berberg, 6 pp.

RUSSIAN, per, Mashinostroitel', No 4, 1960, pp 6-5

JPRS 7252

USSR

Econ

Jan 61

136,449

190,226

Am 62
SCI - Med

JRRB 13342

Texuptye, Vol A No 6, 1961, pp 30-32.
ROESTAN, per, Batolog Ms I Esqper

Datesvill, 5 MP.
Datesvay, T. O. Zheravay, G. Ye.
Under Development Conditions, by K. D.
On the Effect of Hibernation and Hypothermia
on the Course of Hemotransfusion Shock

(W-6976)

On Hydrogen Bonds in Silicols, by V. I. Kastochkin,
M. F. Shostakovski, O. I. Zil'berbran, D. A. Kochkin,
2 pp.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Ser Fiz,
Vol XVIII, No 6, 1954, pp 726-727. CIA C 40664

Columbia Tech Tr

Scientific - Physics 3/738 Feb 56 CTS/Dex

Kazatochkin, O. I. Zilberbrand, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol. CXI,
No 5, Nov/Dec 1956, pp 1031-1034.

Sci - Chem

Consultants Bureau

Dec 57

56,701

MENNOVA, T.
ZILBERFARB, L.

Ognipori, vol. 5, No. 9, 2 figures, 1300
words; 1937.

Spottiness of Silica Brick.

Brutcher Trans, Order No. 682, \$1.30.

A7807

(NY-3000)

Machines are Replacing the Labor of Loaders,
by V. I. Zil'berberg, 10 pp.

RUSSIAN, per, Mashinostroitel', Jun 1961,
pp 6-9.

JPRS 10023

166, 355

USSR

Econ

Sep 61

A Comparison of the Biological Action of X-rays
and the Radiation of Radioactive Cobalt, by S. N.
Aleksandrov, K. F. Galkovskaya, Yu. G. Zil'berg,
9 pp.

RUSSIAN, per, Medit Radiol, No 2, 1956, pp 80-87.

AEC Tr 3272

Sci - Med

Sep 58

73, 756

Methods of Testing Bimetals for the Strength of
Adhesion of the Antifriction Layer to the Base,
b, Yu. Ya. Zil'berg, 4 pp.

RUSSIAN, per, Zavod Lab, Vol XXIV, No 3, 1958,
pp 335-337.

Instru Soc of Amer

Sci

Apr 60

113,286

Roentgenography and Infra-Red Spectroscopy
Applied In the Research Into the Structure
Of Humus Substances by V.I. Kasatokhin and O.I.
Zilberbrand.

RUSSIAN, per, *Pochvovedenie*, No 5, 1956, pp 80-85.

CSIRO

Oct. 62

T of C and Review of
Repair and Maintenance Handbook for Open-
Hearth and Blast Furnaces, by A. A. Zil-
berman, Ye. A. Kulinkok, 11 pp.

RUSSIAN, bk, Spravochnik po Remontu Domenykh
i Martenovskikh Pechey, Moscow, 1957, 526 pp.

B-163
Head, Lib Sv Sec
Air Info Div
Lib Congress

The Electron in a Weak Periodic Electric and a
Homogeneous Magnetic Field, by A. E. Zilberman, 8 pp.

RUSSIAN, par, Zhur Rasppl' i Teoret Fiz, Vol. XXXII,
1952, pp 49-54.

CCT-1308B

AEC Tr 2397

Sov - Krasnaya, n physics
Nov 56 CBS

40, 465

NCH-200 586 Field 21E, 13H

Zilberman, A. S.; Levin, A. V.
THE ECONOMICS OF HIGH-PRESSURE TURBINES OF
THE LENINGRAD METALWORKING PLANT (Ekonomich-
nost Turbin Vysokogo Davleniya Leningradskogo
Metallicheskogo Zavoda). Tr. by F. Noot. 21 Dec 64.
30p (foreign text included) 15refs. TP/T-3544.
Order from NLL

Trans. of Teploenergetika (USSR) v10 n10 p2-10 1963.

I. Associated Electrical
Industries Ltd.,
Trafford Park (England)

304119

A004119

Investigation of Oxide Films on Aluminum by
Impedance Measurements, by S. Ya. Grilikhes, B. Ya.
Zil'berman, 6 pp.

RUSSIAN, per, Zhur. Prik Khim, Vol XXXIV, No 12,
1961, pp 2685-2691.

CB

Sci

214, 344

Oct 62

The Thermal Balance for the Anodic Treatment of Alum-
inum, by B. Ya. Zil'berman, N.P. Dedot'ev et al., 27pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXVI, No 3, 1963,
pp 557-564.

CB

Sci

May 64

256,924

Deep Anodizing of Aluminum at Room Temperature, by
N. P. Fedot'yev, S. Ya. Grilikhes, B. Ya.
Zil'berman, 7 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXIII, No 5,
1960, pp 1133-1140.

CB

Sci

Apr 61

149628

the Uniqueness of Automatic Control Systems, by
B. Z. Zilberman. 16 pp.
BUDIM, per, Avtomatyka, Vol 9, No 5, 1964,
pp 5-14. PI00014956 59
FTD-TT-65-1852

Zilberman, B. Z.

Sci/Math
Sep 66

396,331

The Analytical Chemistry of E-Caprolactam, by
E. M. Reroplotshikova, N. N. Zil'berman.

RUSSIAN, per, Soved. Lab., Vol. XXVIII, No 10, 1962,
pp 1172-1177.

MLL Ref: 5826.4 1963 (10 381)
(Loan)

Sci - Chem
Oct 63

240, 232

PRODUCTS OF THE INTERACTION OF HALOGENACETONITRILES
WITH HYDROGEN HALIDES AND THEIR REACTION WITH
NUCLEOPHILIC REAGENTS, BY A. YA. LAZARIS,
E. N. ZIL'BERMAN, 5 PP.

RUSSIAN, PER, ZHUR OBSHCH KHIM, VOL XXXII,
NO 3, 1962, PP 900-904.

CB

SCI

FEB 63

221,546

WIKOB

Reactions of Mono- and Diamines with Amide Hydrochlorides.

By E. N. Zil'berman, A. E. Kulikova pp. 5

RUSSIAN, per, Zhurnal Obshchei Khimii, Vol XXXII,
No 9, 1962, pp. 3039 - 3043.

CB

340,514

Sci

Jul 63

Selective Reactivity of One Nitrile Group in
Adiponitrile, by E. N. Zil'berman, N. K. Taikova,
5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXI, No 6,
1961, pp 2040-2044.

CB

Sci

201,914

Jun 62

Conductimetric Investigation of the Reaction
of Some Nitriles With Hydrogen Chloride, by
E. N. Zil'berman, T. S. Ivcher, 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXI, No 6,
1961, pp 2037-2039.

CB

Sci

201,913

Jun 62

Catalytic Action of Zinc Chloride in the Hoesch
Synthesis, by E. N. Zilberman and N. A. Rybakova,
5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXII, No 2,
1962, pp 591-595.

CB

Sci

Feb 63

234,023

Mechanism of the Reaction Between Nitriles, Carbonylic
Acids and Hydrogen Chloride at Low Temperature, by
E. N. Zil'berman, 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXX, No 4, 1960,
pp 1277-1280.

CB

Sci

153, 903

June 1960

Autocondensation Reactions of Cyclic Ketones and
Condensations with Ammonia, by S. V. Svatovskiy,
G. A. Razuvayev, E. N. Zil'berman, 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXX, No 6,
1960, pp 2042-2046.

CB

Sci
Aug 61

162,558

The Problem of the Reactivity of Nitriles of Dibasic
Aliphatic Acids, by E. N. Zil'berman, N. K.
Teikova, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXX, No 8, 1960,
pp 2506-2509.

CB

168, 820

Sci

Sep 61

Investigation of the Mechanism of Interaction
of Substituted Benzonitriles with Hydrogen
Chloride and Some Nucleophilic Reagents, by
E. N. Zilberman, A. Ya. Lazaris, I. S.

RUSSIAN, ser, Zhur Obshch Khim, Vol XXXI, No 3,
1961, pp 900-903.

CB

Sci

192, 183

Par 62

The Reaction of Benzaldehyde With Ammonia,
by S. V. Syetozarskiy, E. N. Zil'berman. 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXI, No 5,
1961, pp 1717-1719.

CB

194,001

Sci

Mar 62

The Synthesis of Amides and Their Hydrochlorides
from Nitriles,
by A. E. Kulikova, E. N. Zil'berman, N. A. Sazanov,
4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXX, No 7, 1960,
pp 2180-2182.

CB

166, 556
~~274~~

Sci

Aug 61

Reactions of nitriles with hydrogen halides
and nucleophilic reagents
By E. N. Zill-Berman pp 18

RUSSIAN, per, Uspekhi Khim, No 11, 1962, pp 1309-
1347

CS

Sci

340, 770

Jun 63

Reaction of the Acid Sulfate of B-Hydroxypropionamide
With Alcohols, by E. N. Zil'berman, A. A. Michurin,
5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXIII, No 8,
1963, pp 2766-2770.

CB

Sci
Aug 64

263,812

Hoesch's Synthesis. Preparation of Benzore-sorcinol, by E. M. Zil'berman, N. A. Rybakova,
4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXX, No 6,
1960, pp 1992-1995.

CB

Sci
Aug 61

162,571

Quantitative Determination of Impurities in Adiponitrile, by A. A. Kalugin, E. M. Perepletchikova, E. N. Zil'berman, 3 pp.

RUSSIAN, per, Zhur Anal Khim, Vol XV, No 6, 1960, pp 739-741.

CB

Sci
Aug 61

164, 718

Pyrolysis of Amide Hydrochlorides, by A. E. Kulikova,
E. N. Zil'berman, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXX, No 2, 1960,
pp 596-599.

CB

Sci

May 61

154,083

Synthesis of 2-Substituted 4-Pentamethylene-5,6-Tetramethylene-2,3,4,5-Tetrahydropyrimidines, by S. V. Svetozarskiy, G. A. Razuvayev, E. N. Zil'berman, 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXX, No 3, 1960, pp 1020-1022.

CB

Sci -
Apr 61

147,595

Luminescence of Impurity Centers III, by
A. M. Ratner, G. E. Zil'berman, 8 pp.

RUSSIAN, per, Fizika Tverdogo Tela, Vol III,
No 3, 1961, pp 687-697.

AIP
Soviet Phys
Sol III, No 3

Sci

168, 753

Sep 61

g The Question of the Free Path of Fast Electrons in a Metal, by G. E. ZILBERMAN, I. O. KULIK 7 pp.

RUSSIAN, per, Fiz Metal i Metallov, Vol X, No 1,
1960, pp 9-13.

PP

Sci

165, 536

Aug 61

The Possible Form of Surface of Constant Energy
Electrons in a Periodic Lattice-Field, by
G. E. Zilberman, Ya. Aizenberg, 5 pp.
RUSSIAN,
~~ISSUED~~ per, Fiz Metal i Metall, Vol IV, No 2,
1957, pp 216-221.

Pergamon Inst

Sci - Phys

Sep 58

73,099

DeHaas-Van Alphen Effect for Tightly Bound
Electrons in the Lattice, by G. E. Siberman, 7 pp.

Z
RUSSIAN, per, Fiz Met i Met, Vol III, No 1, XXV
1956, pp 18-21.

S.L.A. Tr R-428

Sci - Electronates 48, 764
May 57

Morris D. Friedman

The Zone Energy Spectrum in the Presence of a Magnetic Field, by G. E. Zil'berman, 2 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XXXVII,
No 5 (11), 1959, pp 1452-1454.

Amer Inst of Phys
Sov Phys-JETP
Vol XXXVII (10), No 5

Sci

Jun 60

118,286

Controlled Crystallization of Melts Containing Impurities, II, by I. G. Kulik, G. E. Zil'berman,
6 pp.

RUSSIAN, per, Kristallografiya, Vol IV, No 6,
Nov-Dec 1959, pp 884-897 - 897 - 903.

Amer Inst of Phys
Sov Phys - Crystal
Vol IV, No 6

Sci
Jul 60

122,361

Electron Energy Spectrum in a Crystal Located in a Magnetic Field, by G. E. Zil'berman, 5 pp.

RUSSIAN, no per, Zhur Eksper i Teoret Fiz, Vol XXX,
No 6, 1956, pp 1092-1097.

Amer Inst of Physics
Soviet Physics, JETP
Vol III, No 6

Sci - Physics
Apr 57 CIS

46, 732

On Some Properties of a Weakly Non-Ideal Electron Gas, by G. E. Zilberman, 11 pp.

RUSSIAN, per, Zhur Raspisl i Teoret Fiz, Vol XXVII,
1954, pp 549-556.

AMC Tr 2610

Sci - Electron, Physics
Nov 56 CTD

40,475

Controlled Crystallization of Melts Containing
Impurities, I. by I. O. Kulik, G. E. Zil'berman,
5 p.

RUSSIAN, per, Kristallografiya, Vol IV, No 4,
1959, pp 613-617.

AIP
Sov-Phys-Crystal
Vol IV, No 4

116,145

Sci
May 60

Behavior of an Electron in a Periodic Electric and
a Uniform Magnetic Field, by G. E. Zil'berman, 7 pp.

RUSSIAN, no per, Zhur Eksper i Teoret Fiz, Vol XXXII,
No 2, pp 296-

Sept 1957
Sci - Physics

Oct 57

Amer Inst of Phys
Soviet Phys, JETP
Vol V, No 2

53, 824

Some Problems in the Theory of the De-Haas von Alphen Effect, by G. E. Zilberman, 11 pp.

RUSSIAN, per, Fiz Metal i Metallov, Vol VII, No 4,
1959, pp 504-512.

PP

Sci

Aug 60

123,531

Electron in a Periodic Electric and Homogenous Magnetic Field, II, by G. E. Zil'berman, 8 pp.

RUSSIAN, no per, Zhur Eksper i Teoret Fiz, Vol XXXIII,
No 2 (8), 1957, pp 387-396.

Amer Inst of Phys
Sov Phys-JETP
Vol VI (33), No 2

Sci-Phys

May 56

64,237

Oscillation Effects in Magnetic Fields, by
G. E. Zil'berman, 4 pp.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Ser Fiz,
Vol XIX, No 4, 1955, pp 404-408.

Columbia Tech Tr

Sci - Physics
Apr 1957 CTS

45, 609

Avail Br 5 Lib

The Motion of an Electron in a Crystal Subjected
in an External Field, by G. E. Zil'berman, 4 pp.

RUSSIAN, per, Zhur Ekspred i Teoret Fiz, Vol
XXXVI(9), No 5, 1959, pp 1465-1471.

Amer Inst of Phys
Sov Phys-JEPP

Sci

JUL 59

103,696

Quantum Oscillations of the Photoelectric
Field of Metals in a Magnetic Field, by G.P.
Zilberman, T.O. Kulik, 9 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol
XXIV, No 4, 1968, pp 1188-1200.

AIP
Sov Phys - JETP
Vol XI, No 4

Sci
Rev 60

132,832

On the Theory of the Non-Linear Regime in Transit
Klystrons, by Yu. A. Katsman, I. I. Zil'berman,
O. P. Germanovich, 2 pp.

RUSSIAN, per, Radiotekhnika i Elektron., Vol. IV, No 8,
1959, pp 1412-.

PP

135,361

Sci. -
Jan 61

On the Dependence of the Frequency of Quartz
Generators on the Power Dissipated in the Quartz,
by M. E. Zhabotinskiy, P. E. Zil'berzen,

RUSSIAN, per, Radiotekh i Elektron, Vol III, No 2,
1958, pp 276, 277.

MIT Lincoln Lab

Sci - Electron

Apr 58

62,147

The Variational Principle in the Theory of Green's
Functions for Inhomogeneous Systems
By P.E. Zilberman pp8

RUSSIAN, par, Fiz Tverdogo Tela, Vol V, No 2, 1963,
pp386-396

Amer Inst of Phys
Sov Phys - Solid State
Vol V, No 2

Sci

Sep 63

344, 806

On Fluctuations in Quartz Oscillators, by M. E.
Zhabotinskii, P. E. Zil'berman, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 5,
1958, pp 919-921.

Amer Inst of Phys
Sci Phys - Doklady
Vol III, No 2

Sci - Phys

Jul 59

91, 895